

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
17 June 2004 (17.06.2004)

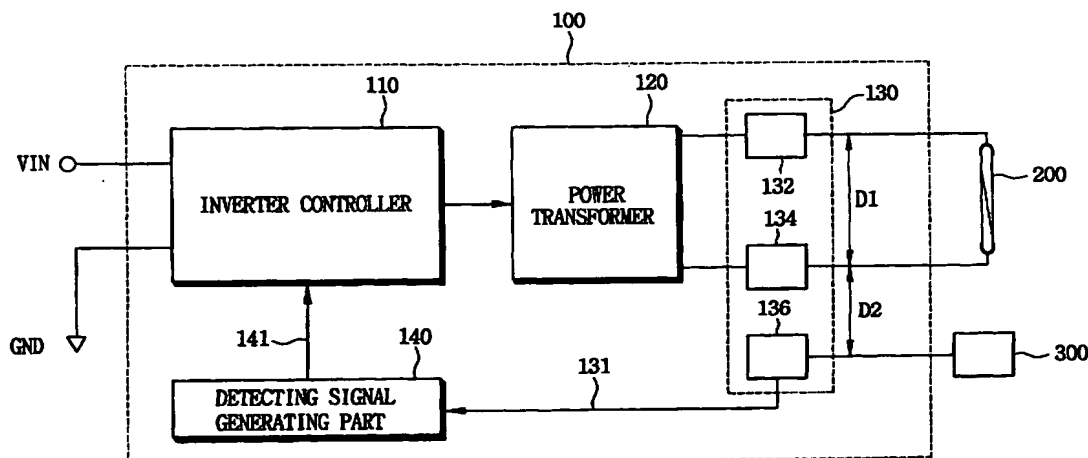
PCT

(10) International Publication Number
WO 2004/051829 A2

- (51) International Patent Classification⁷: **H02M** Apt., Seodang-dong, Bundang-gu, Seongnam-si, 463-767 Gyeonggi-do (KR).
- (21) International Application Number: PCT/KR2003/002603 (74) Agent: **PARK, Young-Woo**; 5F, Seil Building, #727-13, Yoksam-dong, Gangnam-gu, Seoul 135-921 (KR).
- (22) International Filing Date: 28 November 2003 (28.11.2003) (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 10-2002-0075819 2 December 2002 (02.12.2002) KR
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- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published: — without international search report and to be republished upon receipt of that report

[Continued on next page]

(54) Title: POWER SUPPLY APPARATUS, BACKLIGHT ASSEMBLY AND LIQUID CRYSTAL DISPLAY APPARATUS HAVING THE SAME



(57) Abstract: A power supply apparatus includes an inverter controller, a power transforming part and a connecting part. The power transforming part converts a direct current supplied from the inverter controller into an alternating current to output first and second polarity currents. The connecting part outputs the first and second polarity currents to first and second end portions of a load through first and second terminals, respectively and has a third terminal to receive a sensed signal in response to the first or second polarity currents so as to output the sensed signal. The first terminal is spaced apart from the second terminal by a first insulating distance, and the third terminal is spaced apart from the first or second terminals adjacent to the third terminal by a second insulating distance. Therefore, the sensed signal is independent of the output power, thereby increasing the sensing efficiency.